Watson

G136

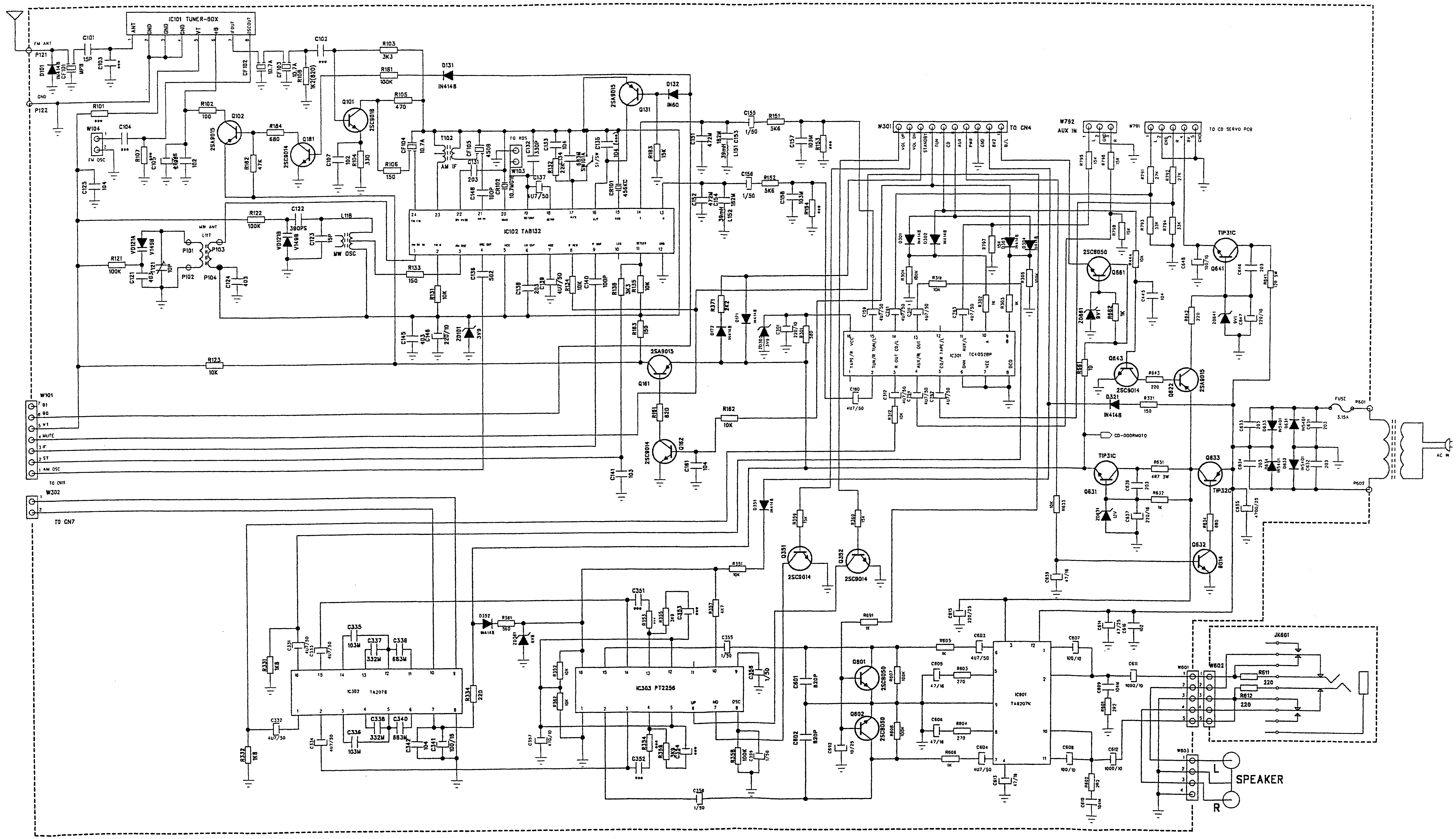
Service Manual

CO 1430

Pos. Nr.	Artikel Nr.	Beschreibung
	4002497	ABSCHIRMFOLIE KUPFER DISPLAYPLATINE
	4002496	FERRITKERN 15MM DURCHMESSER
	4002495	FERRITKERN 25MM DURCHMESSER
TC121	75323	10PF-TRIMMKONDENSATOR
POS: 82	4000297	14V TRAFO MIT THERMOSICHERUNG 98GRAD
	4000334	FERNBEDIENUNG STRG+F9
	251770	3,15A-T FEINSICH.SO22+23
	162561	GSH120A SICHERUNGSHALTER CLIP QUER 5X20
SW101	9905567	470195 SCHALTER-SCHIEBE-2FACH-2x3PIN
SW19, SW20	408495	SCHALTER CD IN / OPEN-CLOSESTEHEND
SW1-SW18,SW21	408494	TASTER 6X6-H:1,0-LIEG-4PIN
Q1 FB	454674	2SC2001 TRANSISTOR 7C
	4000290	2SC8050C TRANSISTOR
	9901464	2SC8050D TRANSISTOR
	292024	2SC9014C TRANSISTOR
	369788	2SC9015C TRANSISTOR
	369787	2SC9018 TRANSISTOR
	976291	TIP31C TRANSISTOR
	952449	TIP32C TRANSISTOR 17J
	83730	12V-0,5W ZENERDIODE 31ASO73
	80700	1N4148 DIODE 31A
	72175	1N5401 DIODE 31A
	80396	1N60P DIODE
	82580	3,9V-0,5W ZENERDIODE 31ASO73
	83090	6,2V-0,5W ZENERDIODE 31ASO73
	83470	9,1V-0,5W ZENERDIODE 31ASO73
PD1 / IR LED FB	9902187	EL1L2 320709 DIODE LED5MM WEISS INFRAROT
	7004511	KV1561A-2 KAPAZITÄTSDIODE
POS: 10	170388	LED ROT/GRÜN 5MM RUND 2PIN
IC504 CD-PLATINE	347382	BA4558N IC 8SIL STEHEND
IC403	158781	BU1923F IC SMD
IC401	4000291	DJ35 TMP87CM24AF-2477 PROZESSOR
IC303	7008120	PT2256 IC
IC502 CD-PLATINE	117414	TA2065F IC SMD
IC302	171506	TA2078P IC
IC503 CD-PLATINE	117419	TA2092N IC MOTORTREIBER CD
IC505 CD-PLATINE	83682	TA7291S ICSIL9
IC102	369790	TA8132AN IC SDIP24
IC601	196253	TA8207K IC NF-ENDST. 2X5,6W12SILP
IC301	621045	TC4052BP IC DIP16
IC1 FB	863126	TC9243F IC SMD
IC402	7008123	TC9257F IC SMD
IC501 CD-PLATINE	86233	TC9284BF IC SMD
POS: 67	4000303	23,0MM*1,8MM KANTIG RIEMEN
POS: 62	4000331	RIEMENSCHEIBE (PULLEY) FUER MOTOR
POS: 64	4000330	SCHNECKE FUER ZAHNRAD CD-DECKEL
POS: 70	4000325	ZAHNRAD FUER CD-DECKEL
LAMP	7008239	LB0936YG DISPLAY HINTERGRUNDBELEUCHTUNGSFELD
	4000293	AM ANTENNE 65:15
	115003	FERRITSTAB 10X80MM
	9905884	WURFANTENNE 60CM KOAX-ANSCHLUß UKW
X402	476638	32,768 KHZ QUARZMINNIATUR UHR
X404	170288	4,332MHZ QUARZ GROßE BAUHÖHE
XT1 (FB)	93893	455KHZ QUARZ 2PIN
CR101	75019	456KHZ QUARZ 2-PIN
X403	326884	7,2MHZ QUARZ
X401	77274	7,3728MHZ-QUARZ 2-POL
CF103	866330	10,7MHZ FILTER 3PIN

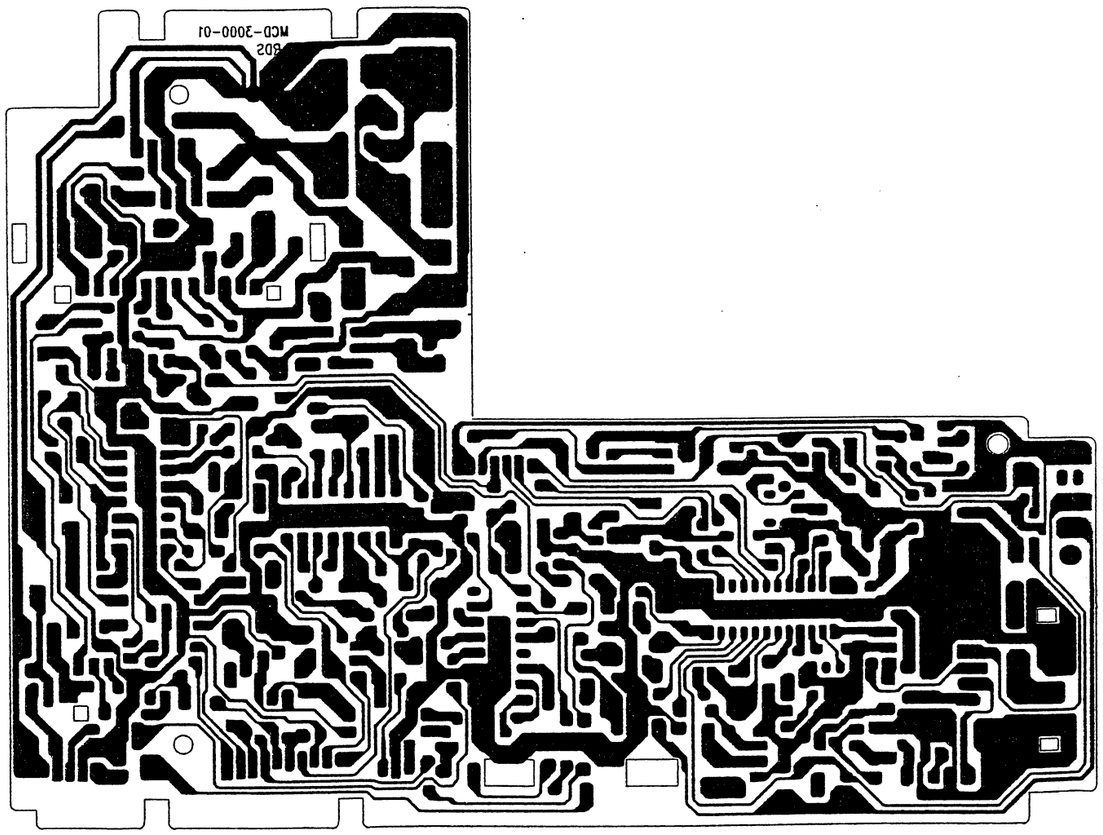
Pos. Nr.	Artikel Nr.	Beschreibung
CF102, CF104, CR102	116938	10,7MHZ KERAMIK-FILTER 3PIN
	7004518	340 FILTER ZF GELB 7MM
	7004519	341 FILTER ZF ROT 7MM
CF105	120005	450KHZ KERAMIK FILTER3PIN
CF101	4000289	GFMB3-SE EINGANGSFILTER
POS: 3	476804	BUCHSE KOPFHÖRER MIT SCHALTER 3,5MM STEREO
POS: 83	4000294	CHINCHBUCHSEN LS/AUDIO IN
	7008240	MSP401V UKW ANTENNEBUCHSE
POS: 51	4000336	MCD3000-05 CD-PLATINE
POS: 69	4000296	MOTOR CD-DECKEL
POS: 74	4000310	ABDECKUNG FENSTER CD-DECKEL
	4000339	BATTERIEFACHDECKEL FB
POS: 46	4000312	CD-DECKEL
POS: 15	4000321	EINSATZ GEHAEUSEFRONT, HALTER F. 10FACH KNOPFSATZ
POS: 25	4000316	FENSTER CD-DECKEL
POS: 1	4000317	FENSTER GEHAEUSEFRONT
POS: 8	4000314	FENSTER IR-EMPFAENGER
	4000315	FENSTER LCD DISPLAY
POS: 7, 40, 53, 55	4000302	GEGENSTUECK GEHAEUSESCHRAUBEN
POS: 2	4000320	GEHAEUSEFRONT
POS: 77, 79	4000304	GEHAEUSEFUSS SELBSTKLEBEND
POS: 29	4000309	GEHAEUSEOBERTEIL
POS: 33	4000308	GEHAEUSERUECKWAND
POS: 39	4000319	HALTER ANTENNENBUCHSE
	4000301	HALTER FERRITSTAB (AM ANTENNE)
POS: 85	4000300	HALTER ZUGENTLASTUNG
POS: 72	4000313	KAPPEN SCHRAUBEN CD-DECKEL
	4000306	LAUTSPRECHERGITTER R+L OHNE BESPANNSTOFF
	4000299	ZUGENTLASTUNG
POS: 5	4000298	LCD DISPLAY
	172794	ABDECKUNG LASEREINHEITKSS213
POS: 45	785367	CD-KLEMMPLATTE METALL
POS: 47	172792	DÄMPFUNGSGUMMI CD LAUFWERK GRÜN HART
POS: 75	172793	DÄMPFUNGSGUMMI CD LAUFWERK ROT SOFT
POS: 11	4000318	KLEMMPLATTE CD, PLASTIK 60MM
POS: 44	785369	MAGNETRING FÜR CD-KLEMMPLATTE
	4000295	4R-10W LAUTSPRECHER D=115MM
POS: 48	172791	KSM213CDM CD LAUFWERK MIT KSS213C BT14
	7008124	PIC26043TM2 IR EMPFÄNGER
IC101 !	7029356	FE450G01-0810F FM TUNER
	4000305	ABSCHIRMPLATTE HAUPTPLATINE
POS: 19, 21, 22	4000329	ABSTANDSHALTER PLATINE
POS: 60	4000326	HALTER FUER ZAHNRAD CD-DECKEL
POS: 38	4000327	HALTER PLATINE LINKS
POS: 43	4000328	HALTER PLATINE RECHTS
	356199	100UH SPULE AXIAL
	119856	2,0MH SPULE RADIAL SCHWARZ
	4000292	39MH SPULE
	120085	47UH SPULE AXIAL
POS: 49	4000311	KNOPF OPEN / CLOSE
POS: 41	4000323	KNOPFSET 10FACH (MITTE) FUER CD, TUNER, TIMER ETC
POS: 6	4000322	KNOPFSET 4FACH (LINKS) POWER, TUNER/BAND, CD, AUX
POS: 18	4000324	KNOPFSET 4FACH (RECHTS) EQ, VOL UP/DOWN, MUTE
	7014345	16POL FLEXKABEL L=90MM FÜR KSS213
	443735	LAUTSPRECHERKABEL+1CINCHST.
	7005	NETZKABEL-EURO BLANKES ENDE1,5MTR.

Pos. Nr.	Artikel Nr.	Beschreibung
1	4000317	FENSTER GEHÄUSEFRONT
2	4000320	GEHÄUSEFRONT
3	476804	BUCHSE KOPFHÖRER MIT SCHALTER 3,5MM STEREO
5	4000298	LCD DISPLAY
6	4000322	KNOPFSET 4FACH (LINKS) POWER, TUNER/BAND, CD, AUX
7	4000302	GEGENSTÜCK GEHÄUSESCHRAUBEN
8	4000314	FENSTER IR-EMPFÄNGER
10	170388	LED ROT/GRÜN 5MM RUND 2PIN
11	4000318	KLEMMPLATTE CD, PLASTIK 60MM
15	4000321	EINSATZ GEHÄUSEFRONT, HALTER FÜR 10FACH KNOPFSATZ
18	4000324	KNOPFSET 4FACH (RECHTS) EQ, VOL UP/DOWN, MUTE
19	4000329	ABSTANDSHALTER PLATINE
21	4000329	ABSTANDSHALTER PLATINE
22	4000329	ABSTANDSHALTER PLATINE
23	4000337	MCD3000-02 PROZESSOR PLATINE
24	4000338	MCD3000-03 DISPLAY PLATINE
25	4000316	FENSTER CD-DECKEL
29	4000309	GEHÄUSEOBERTEIL
30	4000340	MCD3000-01 HAUPTLATINE
33	4000308	GEHÄUSERÜCKWAND
38	4000327	HALTER PLATINE LINKS
39	4000319	HALTER ANTENNENBUCHSE
40	4000302	GEGENSTÜCK GEHÄUSESCHRAUBEN
41	4000323	KNOPFSET 10FACH (MITTE) FÜR CD, TUNER, TIMER ETC
43	4000328	HALTER PLATINE RECHTS
44	785369	MAGNETRING FÜR CD-KLEMMPLATTE
45	785367	CD-KLEMMPLATTE METALL
46	4000312	CD-DECKEL
47	172792	DÄMPFUNGSGUMMI CD LAUFWERKGRÜN HART
48	172791	KSM213CDM CD LAUFWERK MIT KSS213C BT14
49	4000311	KNOPF OPEN / CLOSE
51	4000336	MCD3000-05 CD-PLATINE
53	4000302	GEGENSTÜCK GEHÄUSESCHRAUBEN
55	4000302	GEGENSTÜCK GEHÄUSESCHRAUBEN
59	408495	SCHALTER CD IN / OPEN-CLOSESTEHEND
60	4000326	HALTER FÜR ZAHNRAD CD-DECKEL
62	4000331	RIEMENSCHEIBE (PULLEY) FÜR MOTOR
63	408495	SCHALTER CD IN / OPEN-CLOSESTEHEND
64	4000330	SCHNECKE FÜR ZAHNRAD CD-DECKEL
67	4000303	23,0MM*1,8MM KANTIG RIEMEN
69	4000296	MOTOR CD-DECKEL
70	4000325	ZAHNRAD FÜR CD-DECKEL
72	4000313	KAPPEN SCHRAUBEN CD-DECKEL
74	4000310	ABDECKUNG FENSTER CD-DECKEL
75	172793	DÄMPFUNGSGUMMI CD LAUFWERK ROT SOFT
77	4000304	GEHÄUSEFUSS SELBSTKLEBEND
79	4000304	GEHÄUSEFUSS SELBSTKLEBEND
82	4000297	14V TRAFO MIT THERMOSICHERUNG 98GRAD
83	4000294	CHINCHBUCHSEN LS/AUDIO IN
85	4000300	HALTER ZUGENTLASTUNG

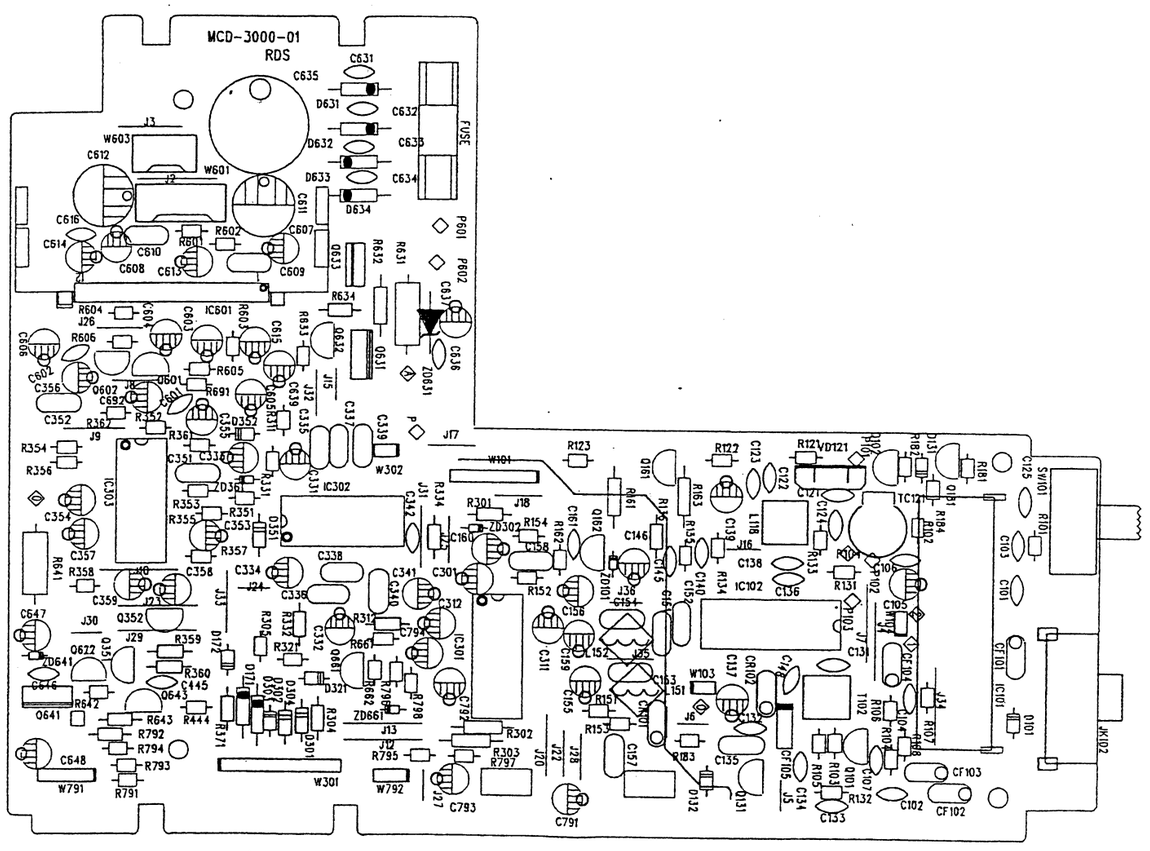


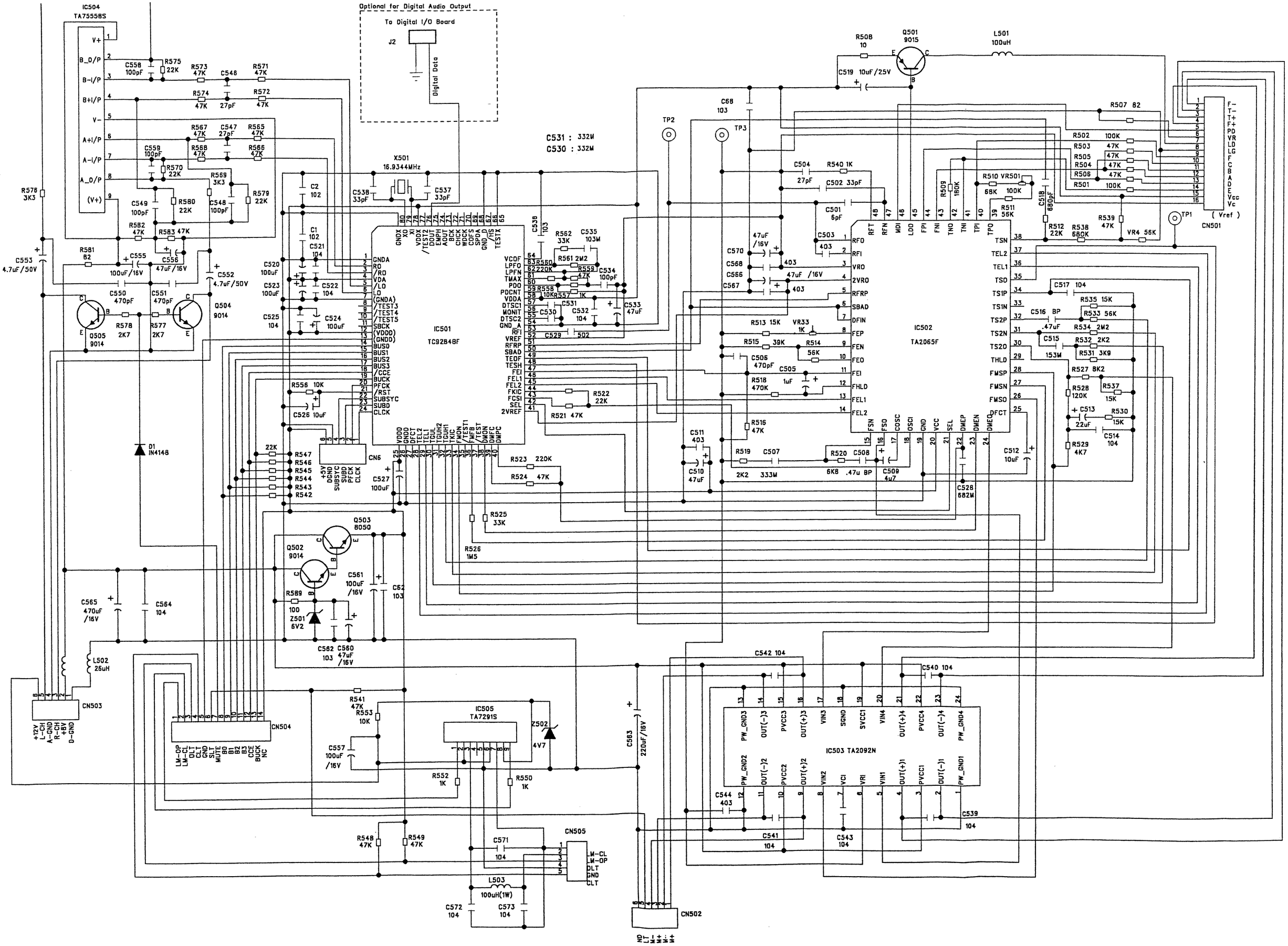
IC101 TUNER-BOX
ANT
GND
VT
+B
IFOUT
OSCOUT
FM ANT
P121
GND
P122
D101
IN4148
CF101
MPB
C101
15P
C103
C102
R103
3K3
R181
100K
D131
IN4148
R105
470
Q101
2SC9018
CF102
CF103
10.7A
R108
1K2(620)
R101
R102
100
Q102
2SA9015
R184
680
Q181
2SC9014
W104
FM OSC
C104
R107
C105
C106
102
R182
47K
C107
R104
330
R106
150
CF104
T102
AM IF
CF105
450B
C131
203
C148
100P
CR102
10.7MC
TO RDS
W103
C132
330P
C137
4U7/50
C133
104
R132
22K
C134
683M
SW101A
S1/SW
C135
CR101
456KC
Q131
D132
IN60
R183
15K
C125
104
MW ANT
L117
P101
P102
P103
P104
R122
100K
C122
380PS
L118
VD121A
V149B
VD121B
C123
15P
MW OSC
R121
100K
C121
403
T121
10P
C124
403
IC102 TA8132
R133
150
R131
10K
C136
502
C138
203
C139
4U7/50
R134
10K
C140
100P
R138
3K3
R135
10K
R163
150
C145
403
C146
220/10
ZD101
3V9
R123
10K
Q161
2SA9015
R161
820
Q162
2SC9014
R162
10K
C161
104
C141
103
C151
472M
L151
39mH
C153
182M
C155
1/50
R151
5K6
C157
103M
R153
C152
C154
L152
C156
R152
C158
R154
R371
2K2
D171
D172
IN4148
ZD302
C301
220/10
R301
560
W101
7 BI
6 BO
5 VT
4 MUTE
3 IF
2 ST
1 AM OSC
TO CN11
W302
TO CN7
W301
VOL UP
VOL DN
STANDBY
TUN
CD
AUX
PWR
GND
8V2
B/L
TO CN4
D301
D302
D303
D304
R797
R304
100K
R319
10K
R302
1K
R303
1K
R305
100K
C159
C291
C311
C293
4U7/50
IC301 TC4052BP
TAPE/R
TUN/R
R OUT
AUX/R OUT
CD/R
TAPE/L
TUN/L
CD/L
AUX/L
VCC
VEE
DNH
DCO
C160
4U7/50
C312
C294
C292
R312
10K
W792
AUX IN
W791
TO CD SERVO PCB
R795
15K
R796
15K
R791
27K
R792
27K
R793
33K
R794
33K
R798
15K
2SC8050
Q661
ZD661
9V1
R662
1K
R444
10K
C445
104
TIP31C
Q641
C648
100/10
C646
203
R641
12R 5W
ZD641
9V1
C647
220/10
R842
220
R661
10
Q643
2SC9014
R643
220
Q822
2SA9015
D321
IN4148
R321
150
CD-DOORMOTO
FUSE
3.15A
P601
P602
C633
203
D633
IN5401
D631
C631
C634
D634
D632
C632
AC IN
Q631
TIP31C
R631
4R7 3W
C636
203
R632
1K
ZD631
12V
C637
220/16
Q633
TIP32C
C635
4700/25
R634
680
Q632
9014
R633
10K
C639
47/16
D351
IN4148
R359
15K
R360
15K
Q351
2SC9014
Q352
2SC9014
R351
10K
R357
4K7
IC302 TA2078
R331
1K8
C331
C333
4U7/50
C335
103M
C337
332M
C338
683M
C332
4U7/50
R332
1K8
C334
C336
103M
C340
683M
C342
104
C341
100/16
R334
220
D352
IN4148
R361
560
ZD361
6V8
C351
R353
R355
3K9
C353
C355
1/50
IC303 PT2256
UP
MO
OSC
R352
10K
R362
10K
C357
470/10
R354
R356
C354
C352
R358
100K
C359
1/50
C358
C356
R691
1K
C601
820P
C602
820P
Q601
2SC8050
Q602
R607
100K
R608
100K
C692
10/25
C615
220/25
R605
1K
C603
4U7/50
C605
47/16
R603
270
C606
R604
270
R606
1K
C604
IC601 TA8207K
C613
47/16
C614
47/25
C616
102
C607
100/10
C611
1000/10
C609
104M
R601
2R2
C608
100/10
C612
1000/10
R602
2R2
C610
104M
W601
W602
JK601
R611
220
R612
220
W603
L
SPEAKER
R

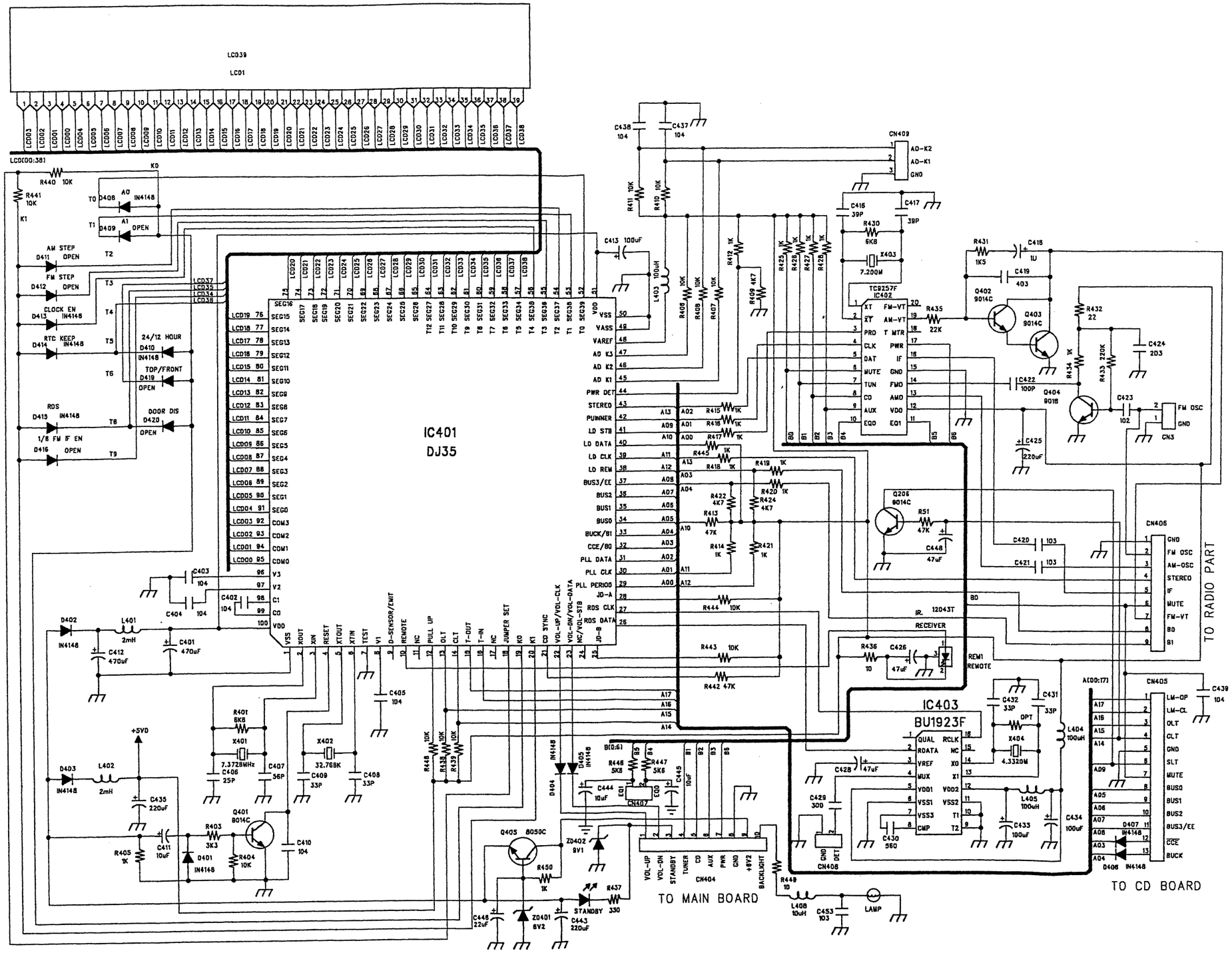
MAIN BOARD

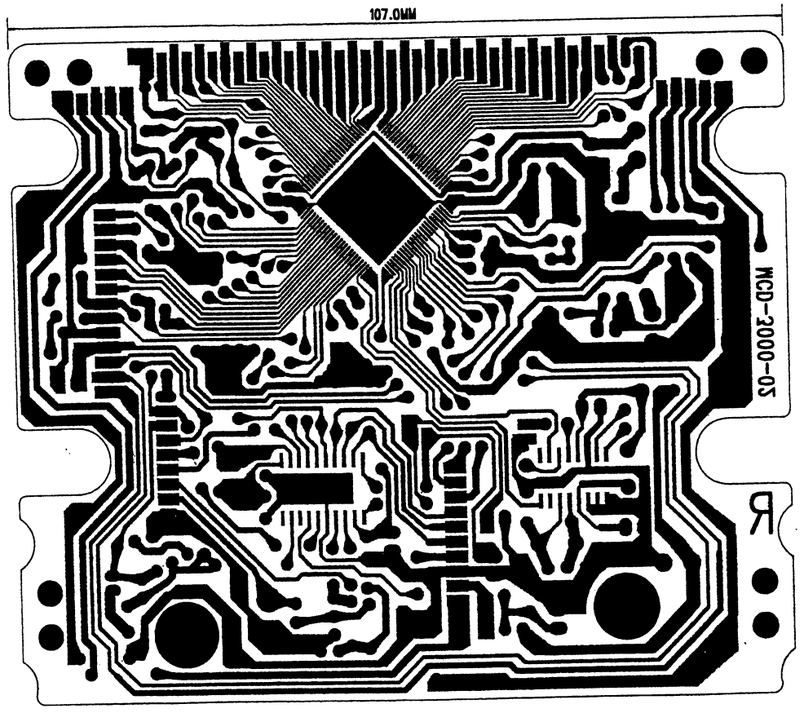


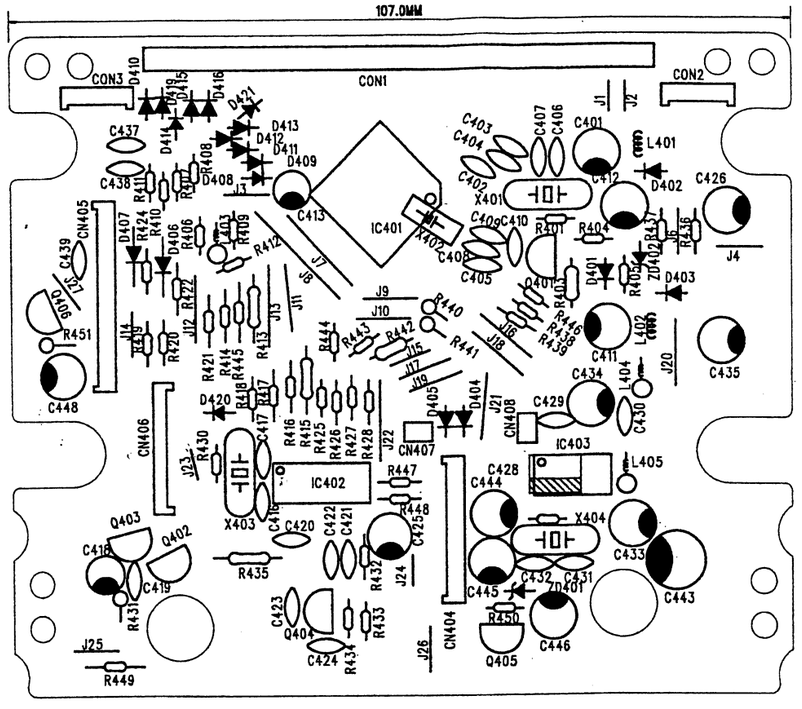
MAIN BOARD

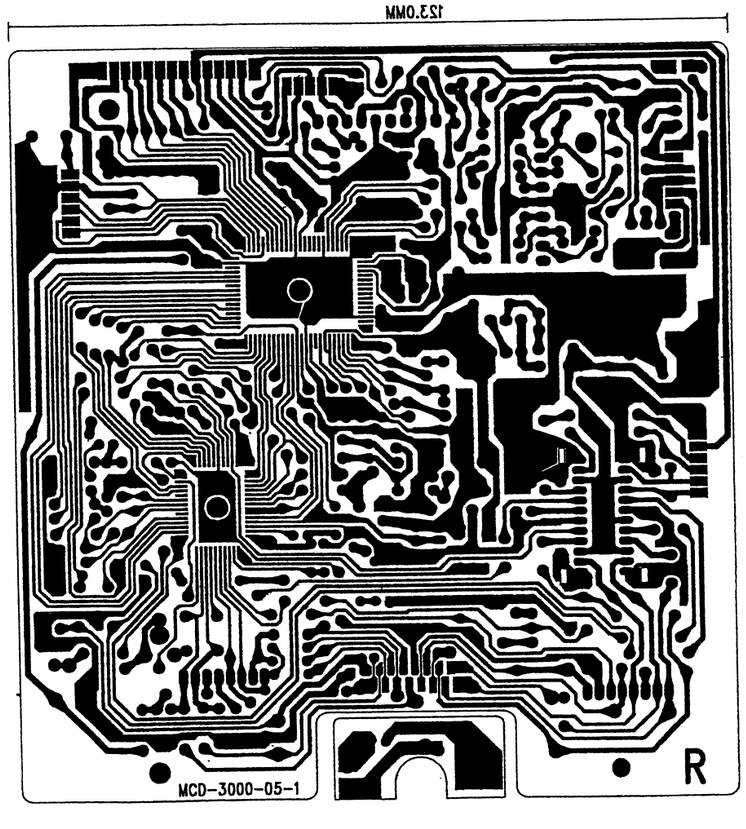


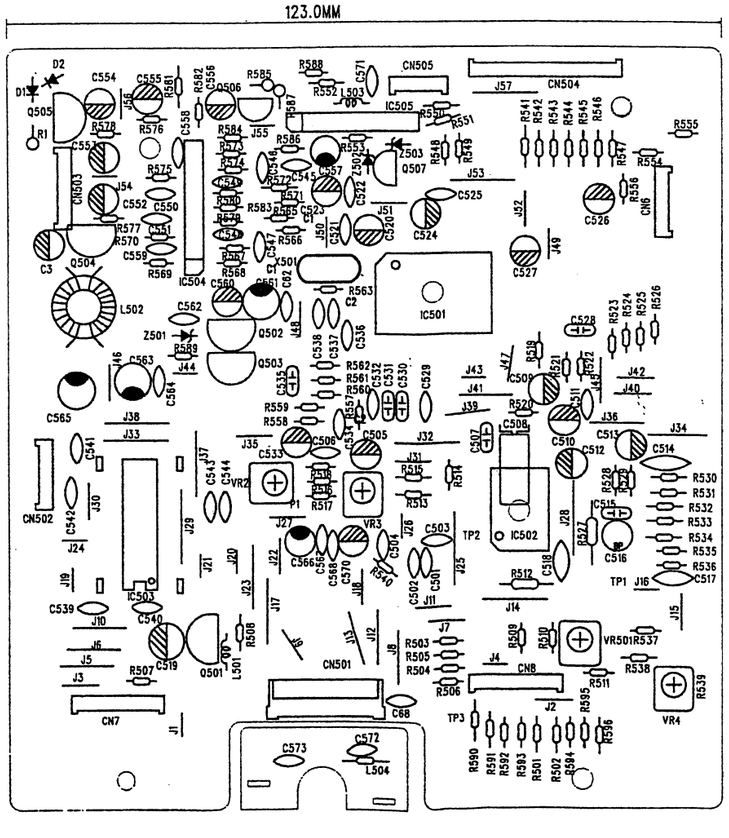

IC504
TA7555BS
V+
B_O/P
B-I/P
B+I/P
V-
A+I/P
A-I/P
A_O/P
(V+)
Optional for Digital Audio Output
To Digital I/O Board
J2
Digital Data
X501
16.9344MHz
C531 : 332M
C530 : 332M
IC501
TC92B48F
IC502
TA2065F
IC503 TA2092N
IC505
TA7291S
Q501
9015
Q502
9014
Q503
8050
Q504
9014
Q505
9014
D1
IN4148
L501
100uH
L502
26uH
L503
100uH(1W)
Z501
6V2
Z502
4V7
VR4 56K
VR501
VR33
CN501
CN502
CN503
CN504
CN505
CN6
TP1
TP2
TP3
(Vref)

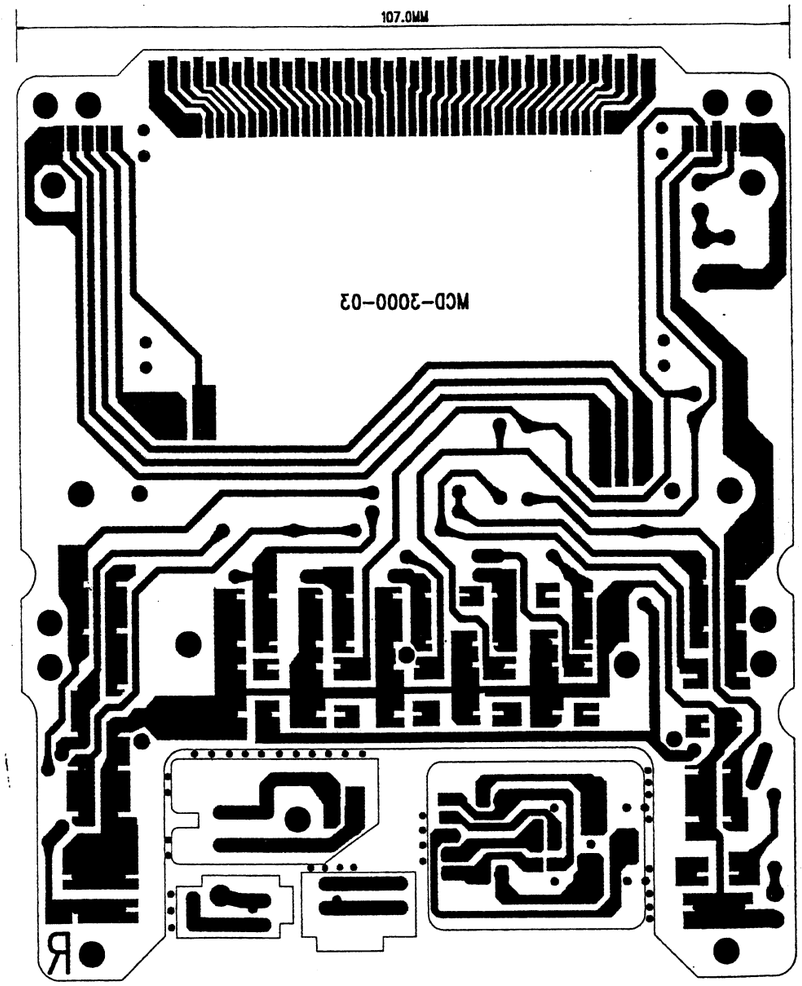

LCD39
LCD1
LCD00:38
LCD03 LCD02 LCD01 LCD00 LCD04 LCD09 LCD06 LCD07 LCD08 LCD09 LCD10 LCD11 LCD12 LCD13 LCD14 LCD15 LCD16 LCD17 LCD18 LCD19 LCD20 LCD21 LCD22 LCD23 LCD24 LCD25 LCD26 LCD27 LCD28 LCD29 LCD30 LCD31 LCD32 LCD33 LCD34 LCD35 LCD36 LCD37 LCD38
IC401
DJ35
R440 10K
R441 10K
K0
K1
T0
T1
T2
T3
T4
T5
T6
T8
T9
D408 IN4148 A0
D409 OPEN A1
AM STEP D411 OPEN
FM STEP D412 OPEN
CLOCK EN D413 IN4148
RTC KEEP D414 IN4148
24/12 HOUR D410 IN4148
TOP/FRONT D419 OPEN
ROS D415 IN4148
DOOR DIS D420 OPEN
1/8 FM IF EN D416 OPEN
SEG16 SEG15 SEG14 SEG13 SEG12 SEG11 SEG10 SEG9 SEG8 SEG7 SEG6 SEG5 SEG4 SEG3 SEG2 SEG1 SEG0
COM3 COM2 COM1 COM0
V3 V2 C1 C0 VDD
VSS XOUT XIN RESET XTOUT XTIN TEST V1 D-SENSOR/EMIT REMOTE NC NC PULL UP CLT CLT T-OUT T-IN NC JUMPER SET KO K1 CD SYNC VOL-UP/VOL-CLK VOL-DN/VOL-DATA MC/VOL-STB ROS DATA JD-B
C403 104
C402 104
C404 104
C405 104
D402 IN4148
L401 2mH
C412 470uF
C401 470uF
R401 6K8
X401 7.3728MHz
C406 25P
C407 56P
X402 32.768K
C409 33P
C408 33P
+5VD
D403 IN4148
L402 2mH
C435 220uF
C411 10uF
R403 3K3
R405 1K
D401 IN4148
Q401 8014C
R404 10K
C410 104
R448 10K
R438 10K
R439 10K
D404 IN4148
D405 IN4148
B(0:6)
R448 5K6
R447 5K6
C444 10uF
EO1
EO0
CN407
C445 10uF
B1 B2 B3 B5
Q405 8050C
R450 1K
ZD402 8V1
ZD401 6V2
R437 330
STANDBY
C446 22uF
C443 220uF
VOL-UP VOL-DN STANDBY TUNER CD AUX PWR GND +8V2 BACKLIGHT
CN404
TO MAIN BOARD
R449 10
L408 10uH
C453 103
LAMP
C438 104
C437 104
R411 10K
R410 10K
C413 100uF
L403 100uH
R408 10K
R409 10K
R407 10K
R412 1K
R409 4K7
VSS VDD VAREF AD K3 AD K2 AD K1 PWR DET STEREO PUNNER LD STB LD DATA LD CLK LD REM BUS3/EE BUS2 BUS1 BUS0 BUCK/B1 CCE/B0 PLL DATA PLL CLK PLL PERIOD JD-A RDS CLK RDS DATA JD-B
A13 A09 A10 A11 A12 A03 A08 A07 A05 A04 A03 A02 A01 A00 A11 A12
R415 1K
R416 1K
R417 1K
R445 1K
R418 1K
R419 1K
R420 1K
R422 4K7
R424 4K7
R413 47K
R414 1K
R421 1K
R444 10K
R443 10K
R442 47K
A17 A16 A15 A14
CN409
AD-K2
AD-K1
GND
C416 39P
C417 39P
R430 6K8
X403 7.200M
TC9257F IC402
XT FM-VT
XT AM-VT
PRD T MTR
CLK PWR
DAT IF
MUTE GND
TUN FMD
CD AMD
AUX VDD
EQO EQ1
B0 B1 B2 B3 B4 B5 B6
R425 1K
R426 1K
R427 1K
R428 1K
R431 1K5
C418 1U
C419 403
Q402 9014C
Q403 9014C
R435 22K
R432 22
R434 1K
R433 220K
C424 203
C422 100P
Q404 9018
C423 102
FM OSC
GND
CN3
+C425 220uF
Q206 9014C
R51 47K
C448 47uF
C420 103
C421 103
CN406
GND
FM OSC
AM-OSC
STEREO
IF
MUTE
FM-VT
B0
B1
TO RADIO PART
IR. 12043T
RECEIVER
REM1
REMOTE
R436 10
C426 47uF
IC403
BU1923F
QUAL RCLK
RDATA NC
VREF XO
MUX X1
VDD1 VDD2
VSS1 VSS2
VSS3 T1
CMP T2
C432 33P
C431 33P
OPT
X404 4.3320M
C428 47uF
C429 300
C430 560
L404 100uH
L405 100uH
C435 100uF
C434 100uF
GND DET
CN408
A(0:17)
A17 A16 A15 A14 A09 A06 A07 A08 A05 A04 A03
D407 IN4148
D406 IN4148
CN405
LM-OP
LM-CL
OLT
CLT
GND
SLT
MUTE
BUS0
BUS1
BUS2
BUS3/EE
CCE
BUCK
C439 104
TO CD BOARD

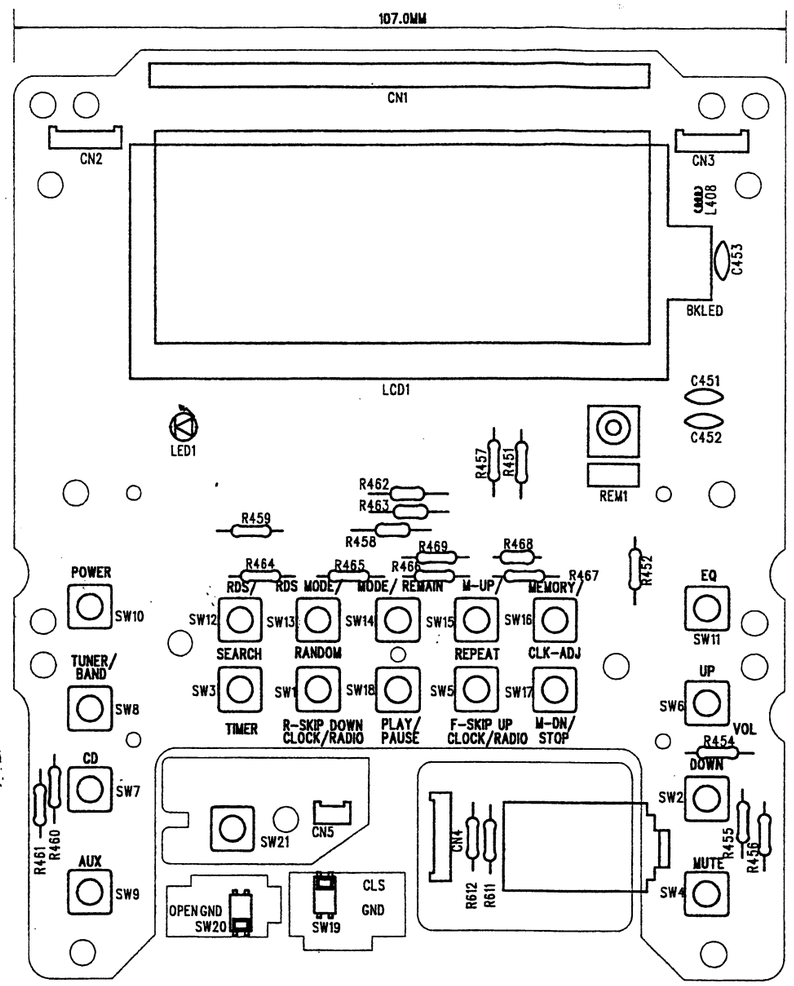

107.0MM
MCD-3000-02
R

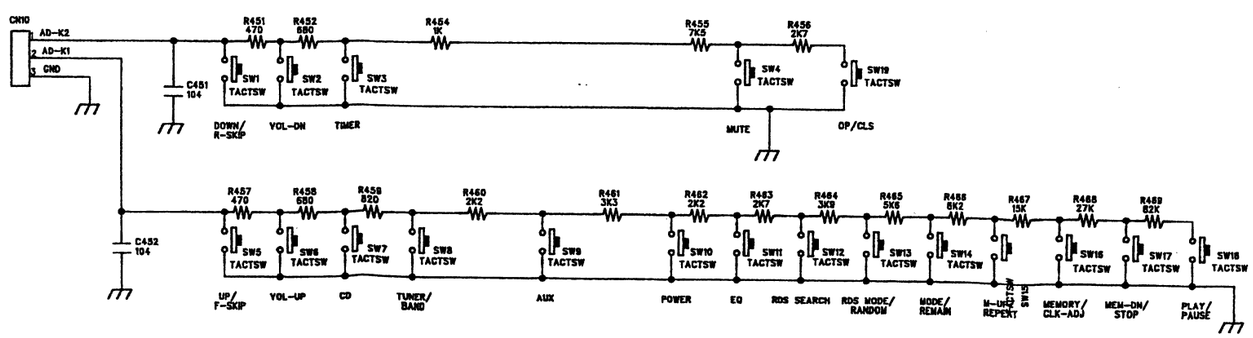

107.0MM
CON3
CON1
CON2
IC401
IC402
IC403
X401
X402
X403
X404
CN405
CN406
CN407
CN408
CN404
Q401
Q402
Q403
Q404
Q405
ZD401
ZD402
ZD403
L401
L402
L403
L404
L405

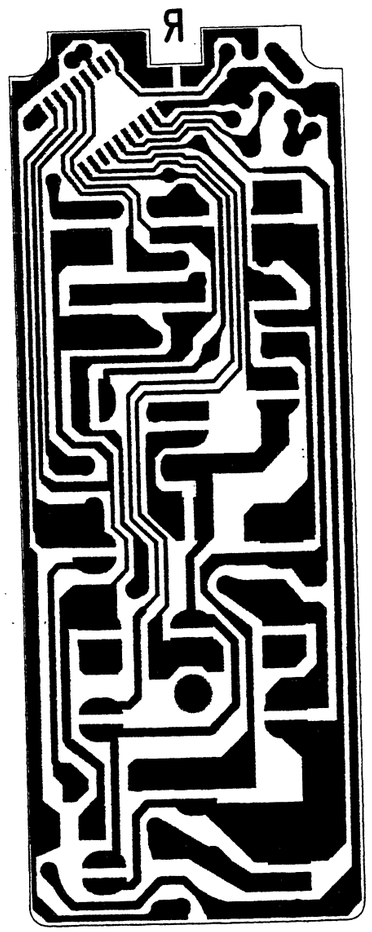

123.0MM
MCD-3000-05-1
R

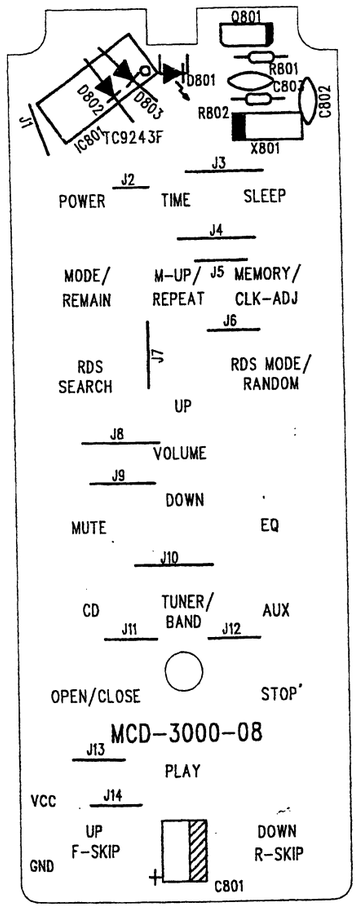

123.0MM
CN505
CN504
IC505
IC501
IC502
IC503
CN503
CN502
CN501
CN7
CN8
CN6
Q504
Q505
Q506
Q507
Q501
Q502
Q503
IC504
L501
L502
L503
L504
VR2
VR3
VR4
VR501
TP1
TP2
TP3

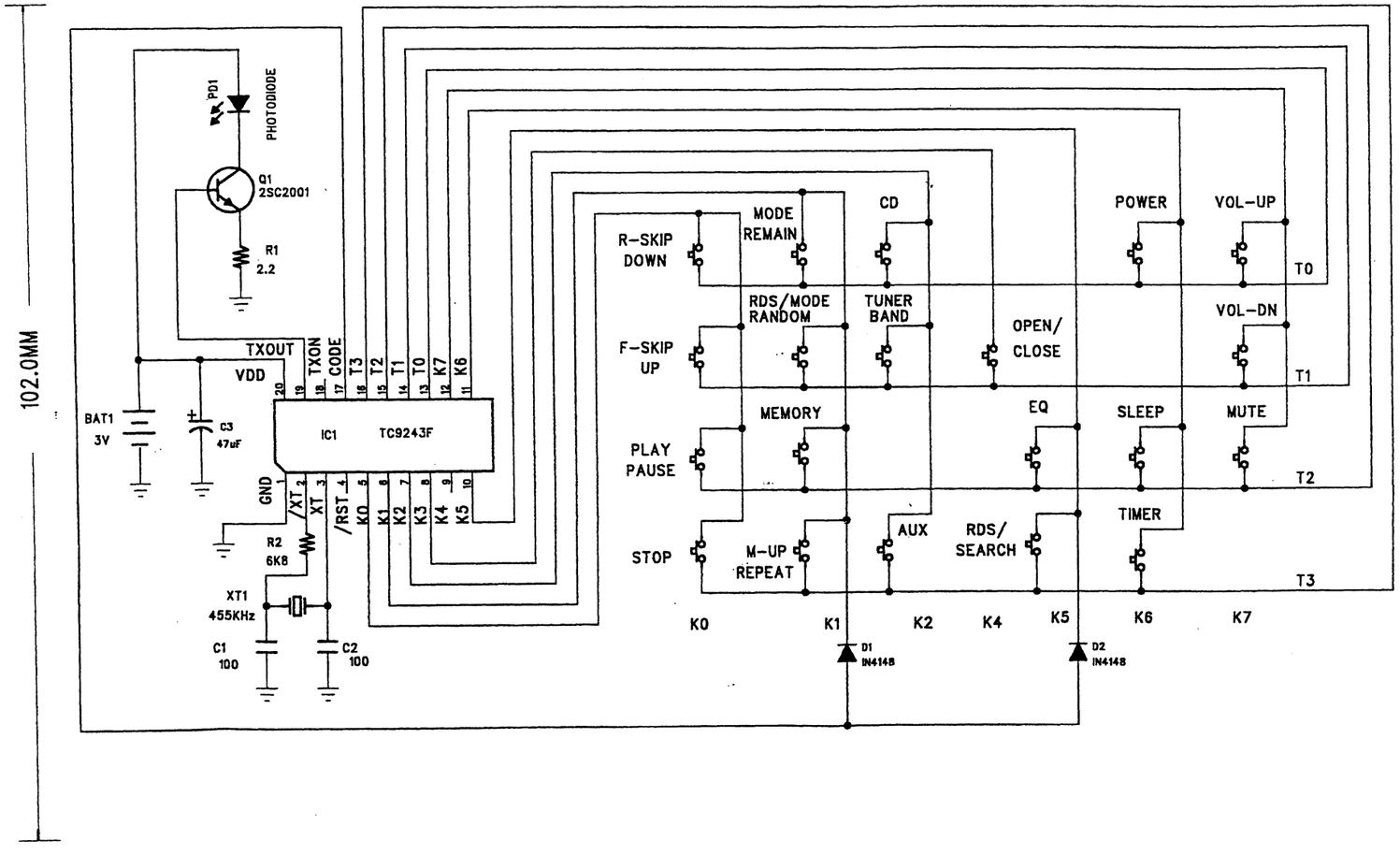

107.0MM
MCD-3000-03


107.0MM
CN1
CN2
CN3
L408
C453
BKLED
LCD1
C451
C452
LED1
R457
R451
REM1
R462
R463
R458
R459
R469
R468
R464
R465
R466
R467
R452
EQ
SW11
POWER
SW10
RDS/ SEARCH
RDS MODE/ RANDOM
MODE/ REMAIN REPEAT
M-UP/ CLK-ADJ
MEMORY
SW12
SW13
SW14
SW15
SW16
TUNER/ BAND
SW8
SW3
SW1
SW18
SW5
SW17
TIMER
R-SKIP DOWN CLOCK/RADIO
PLAY/ PAUSE
F-SKIP UP CLOCK/RADIO
M-DN/ STOP
UP
SW6
VOL
R454
DOWN
CD
SW7
SW2
SW21
CN5
R461
R460
AUX
SW9
R455
R456
MUTE
SW4
CN4
R612
R611
OPEN GND
SW20
SW19
CLS
GND

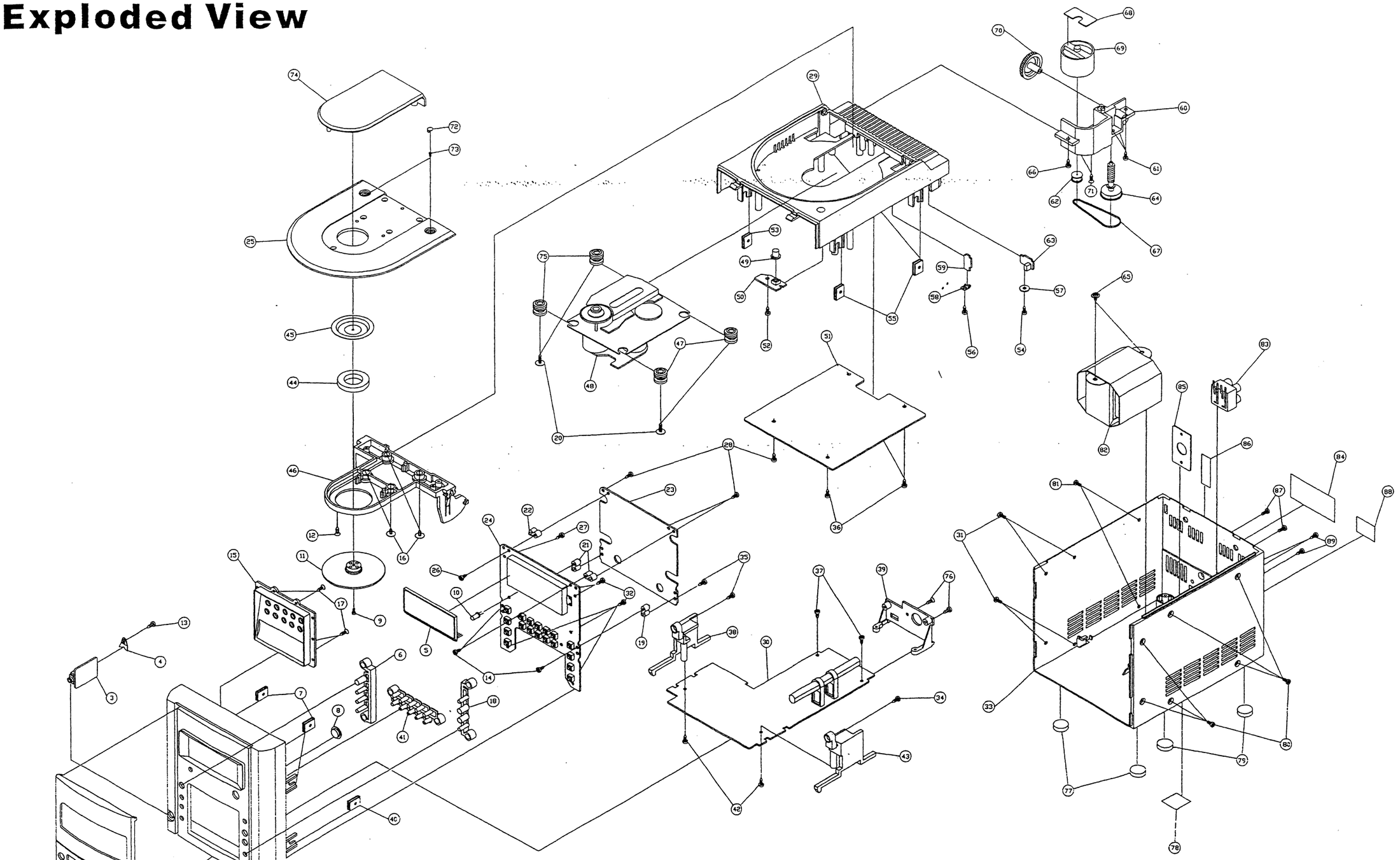

CN10
AD-K2
AD-K1
GND
C451 104
R451 470
R452 680
R454 1K
R455 7K5
R456 2K7
SW1 TACTSW
SW2 TACTSW
SW3 TACTSW
SW4 TACTSW
SW19 TACTSW
DOWN/ R-SKIP
VOL-DN
TIMER
MUTE
OP/CLS
C452 104
R457 470
R458 680
R459 820
R460 2K2
R461 3K3
R462 2K2
R463 2K7
R464 3K9
R465 5K6
R466 6K2
R467 15K
R468 27K
R469 82K
SW5 TACTSW
SW6 TACTSW
SW7 TACTSW
SW8 TACTSW
SW9 TACTSW
SW10 TACTSW
SW11 TACTSW
SW12 TACTSW
SW13 TACTSW
SW14 TACTSW
SW15 TACTSW
SW16 TACTSW
SW17 TACTSW
SW18 TACTSW
UP/ F-SKIP
VOL-UP
CD
TUNER/ BAND
AUX
POWER
EQ
RDS SEARCH
RDS MODE/ RANDOM
MODE/ REMAIN
M-UP/ REPEAT
MEMORY/ CLK-ADJ
MEM-ON/ STOP
PLAY/ PAUSE



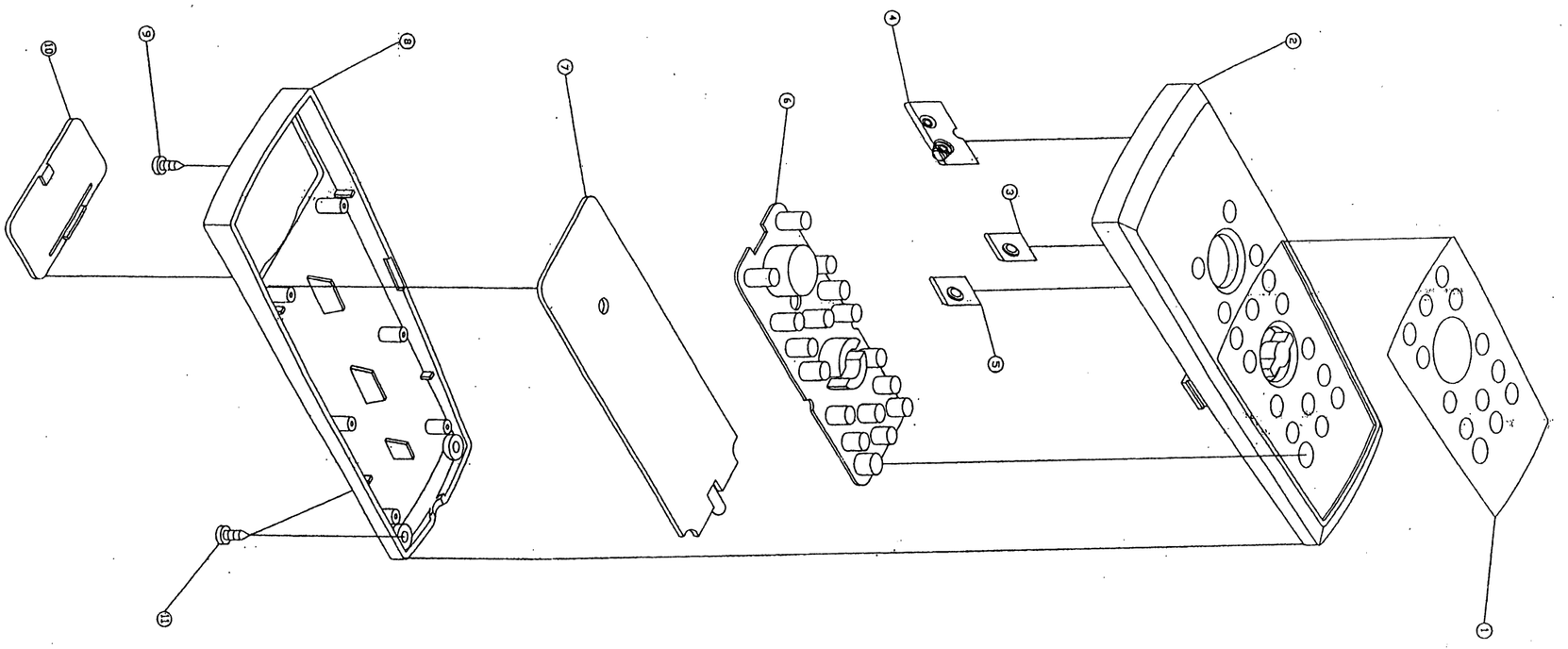

Q801
R801
C801
D801
D802
D803
R802
C802
IC801 TC9243F
X801
J1
J2
J3
POWER
TIME
SLEEP
J4
J5
MODE/
REMAIN
M-UP/
REPEAT
MEMORY/
CLK-ADJ
J6
J7
RDS
SEARCH
RDS MODE/
RANDOM
UP
J8
VOLUME
J9
DOWN
MUTE
EQ
J10
CD
TUNER/
BAND
AUX
J11
J12
OPEN/CLOSE
STOP
MCD-3000-08
J13
PLAY
VCC
J14
UP
F-SKIP
DOWN
R-SKIP
GND
C801


102.0MM
PD1
PHOTODIODE
Q1
2SC2001
R1
2.2
TXOUT
VDD
TXON
CODE
T3
T2
T1
T0
K7
K6
BAT1
3V
C3
47uF
IC1
TC9243F
GND
/XT
XT
/RST
K0
K1
K2
K3
K4
K5
R2
6K8
XT1
455KHz
C1
100
C2
100
R-SKIP
DOWN
MODE
REMAIN
CD
POWER
VOL-UP
TO
RDS/MODE
RANDOM
TUNER
BAND
OPEN/
CLOSE
VOL-DN
F-SKIP
UP
T1
MEMORY
EQ
SLEEP
MUTE
PLAY
PAUSE
T2
TIMER
AUX
RDS/
SEARCH
STOP
M-UP
REPEAT
T3
K0
K1
K2
K4
K5
K6
K7
D1
IN4148
D2
IN4148

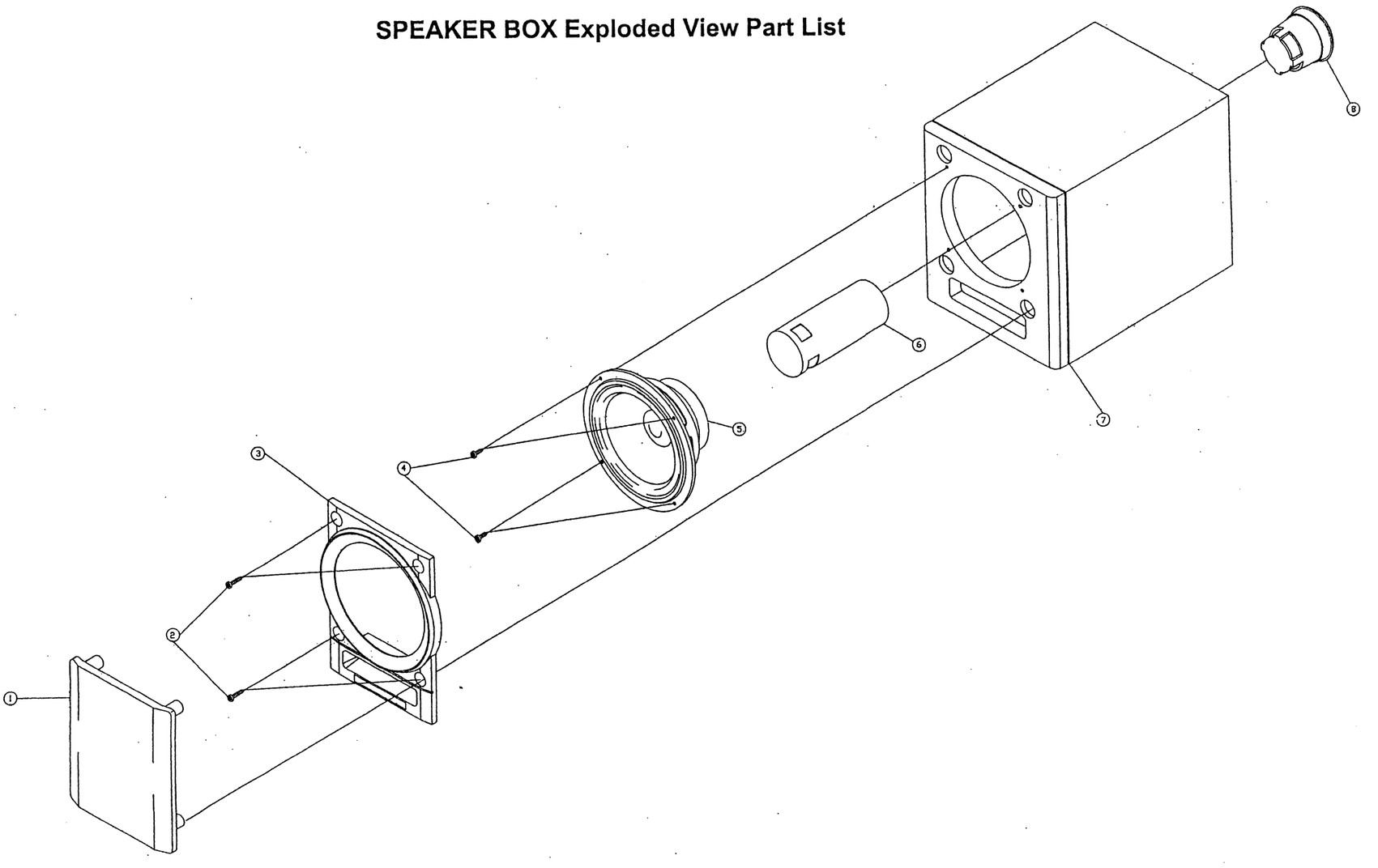
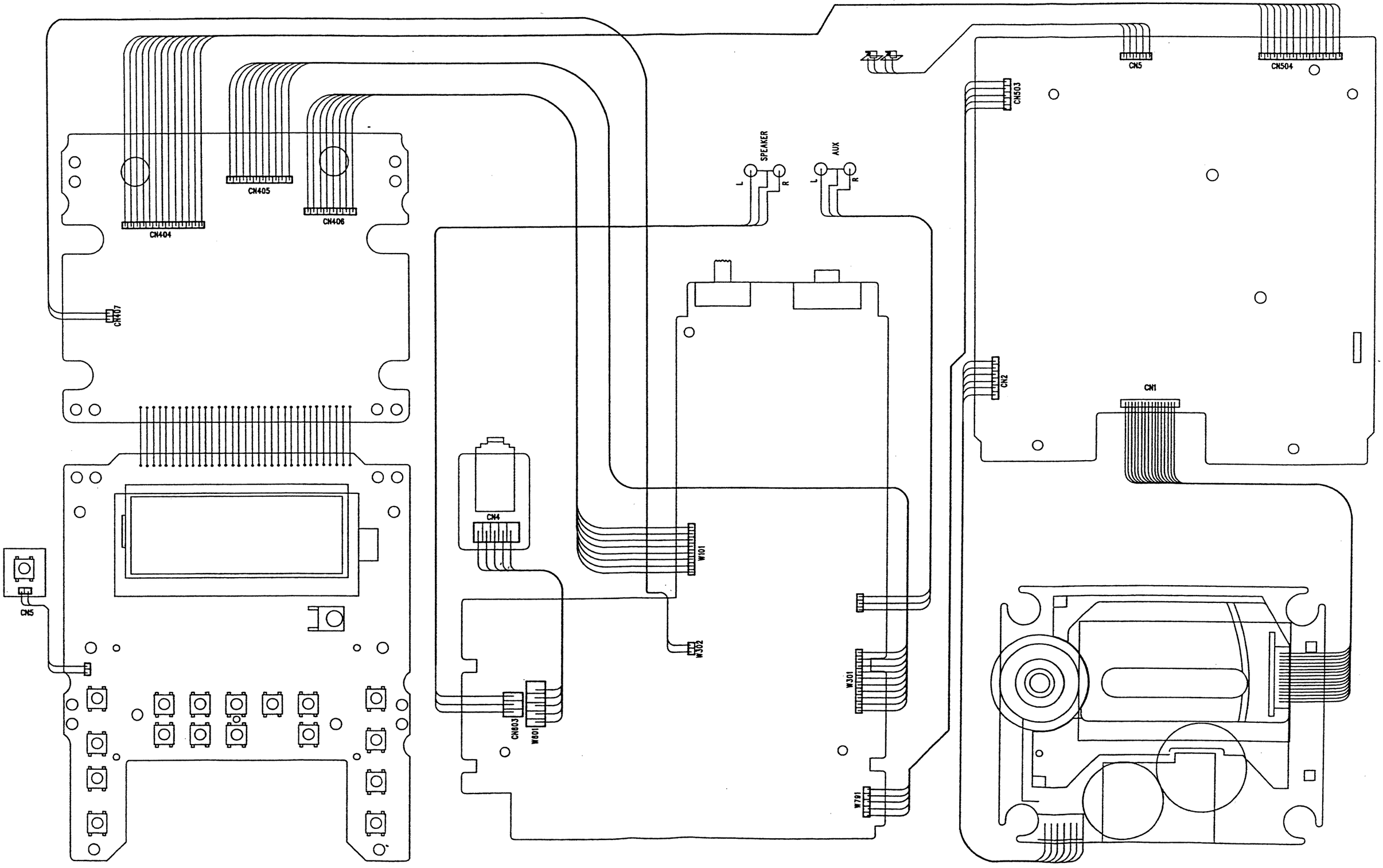
Exploded View



Remote Exploded View Part List



SPEAKER BOX Exploded View Part List



WIRING DIAGRAM